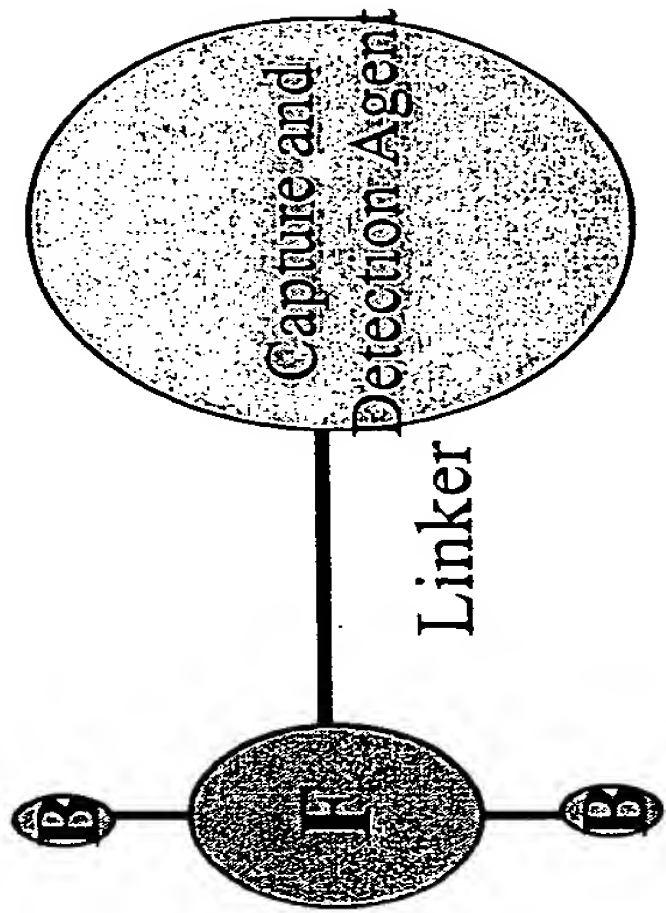
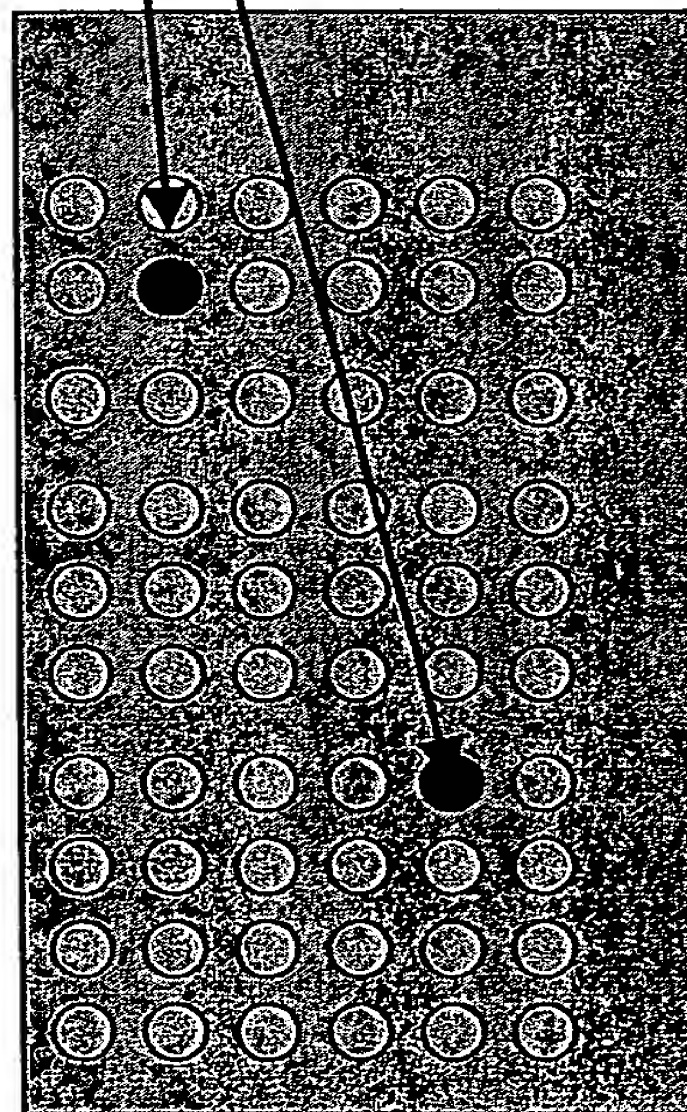


[illegible]

Library of Target ID Compounds



Use corresponding activity-based probe to identify the biological target

FIGURE 1

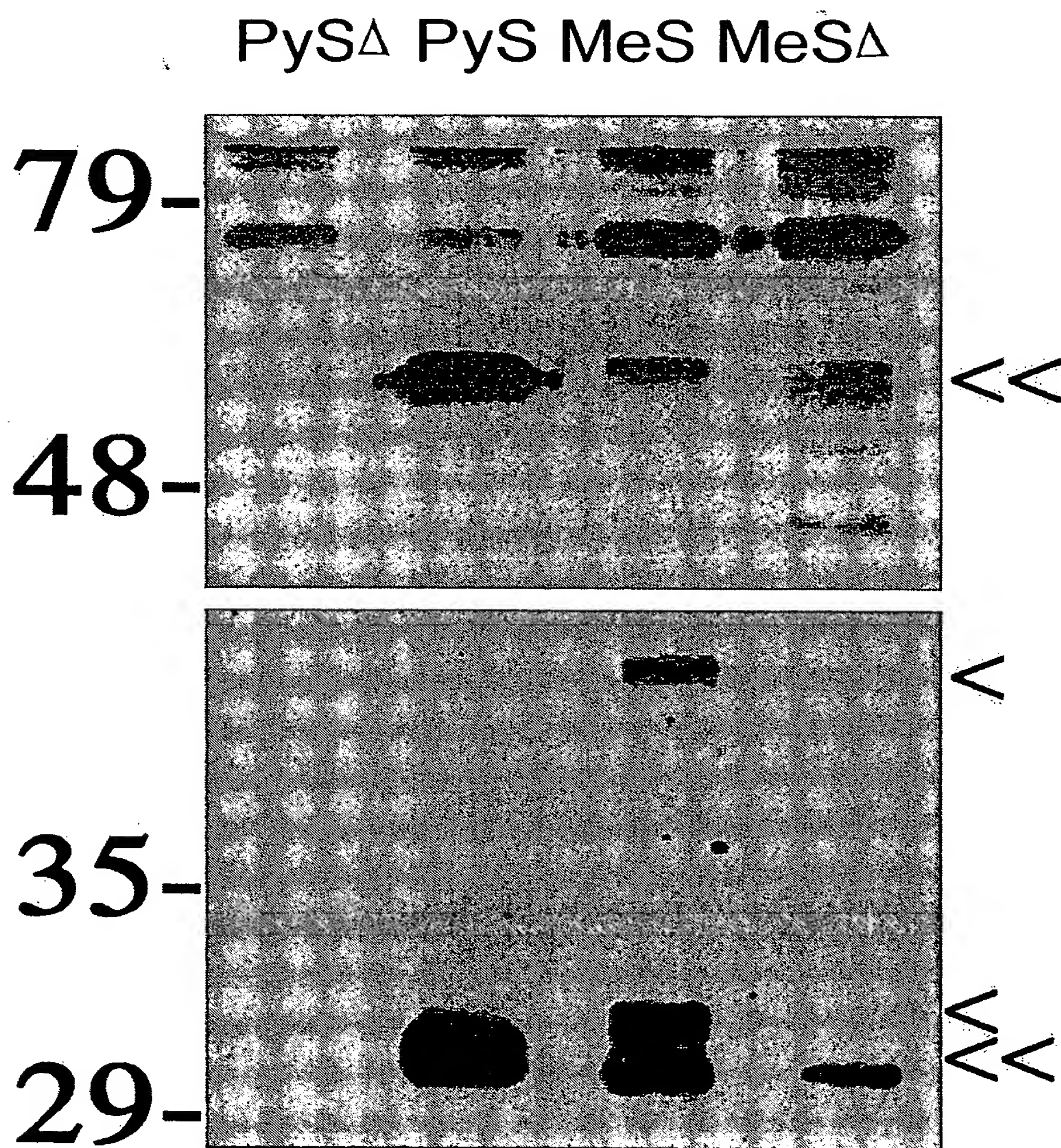
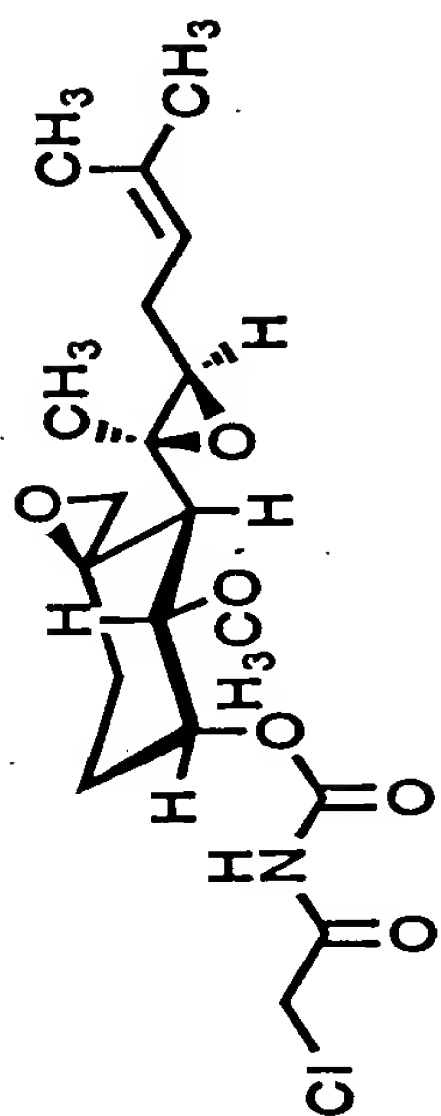
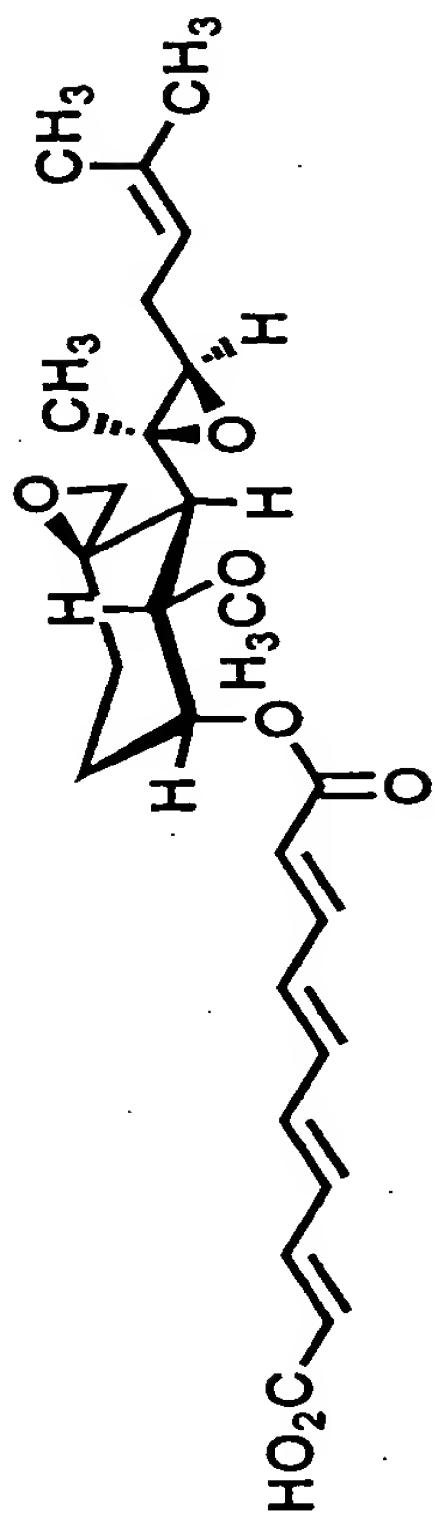


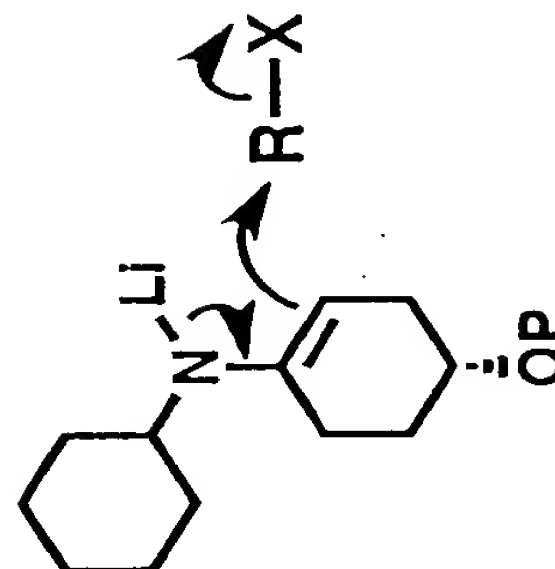
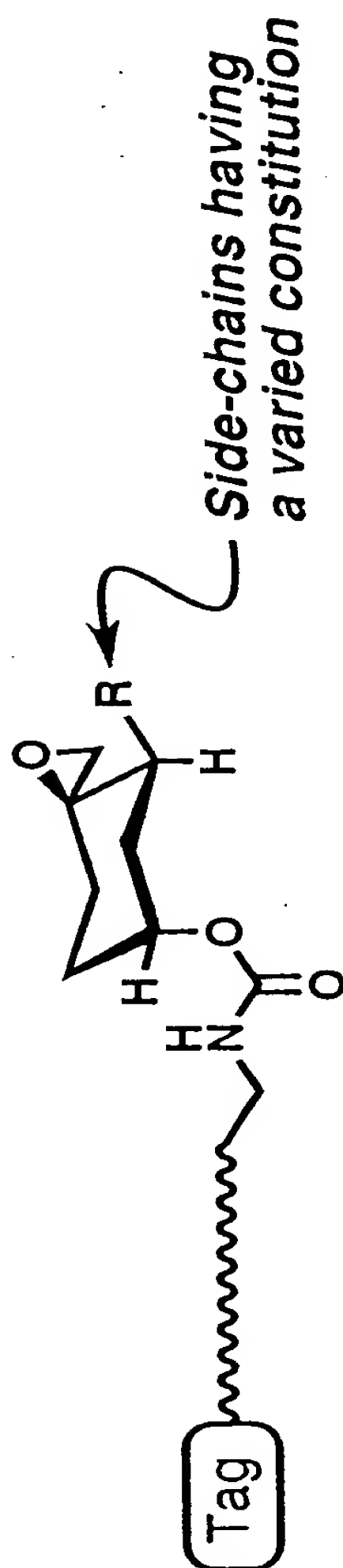
FIGURE 2



TNP-470



Fumagillin



X = halide
 R = various aliphatic, alicyclic, alkyl aryl, or
 alkyl heteroaryl groups
 P = unspecified protecting group

FIGURE 4A

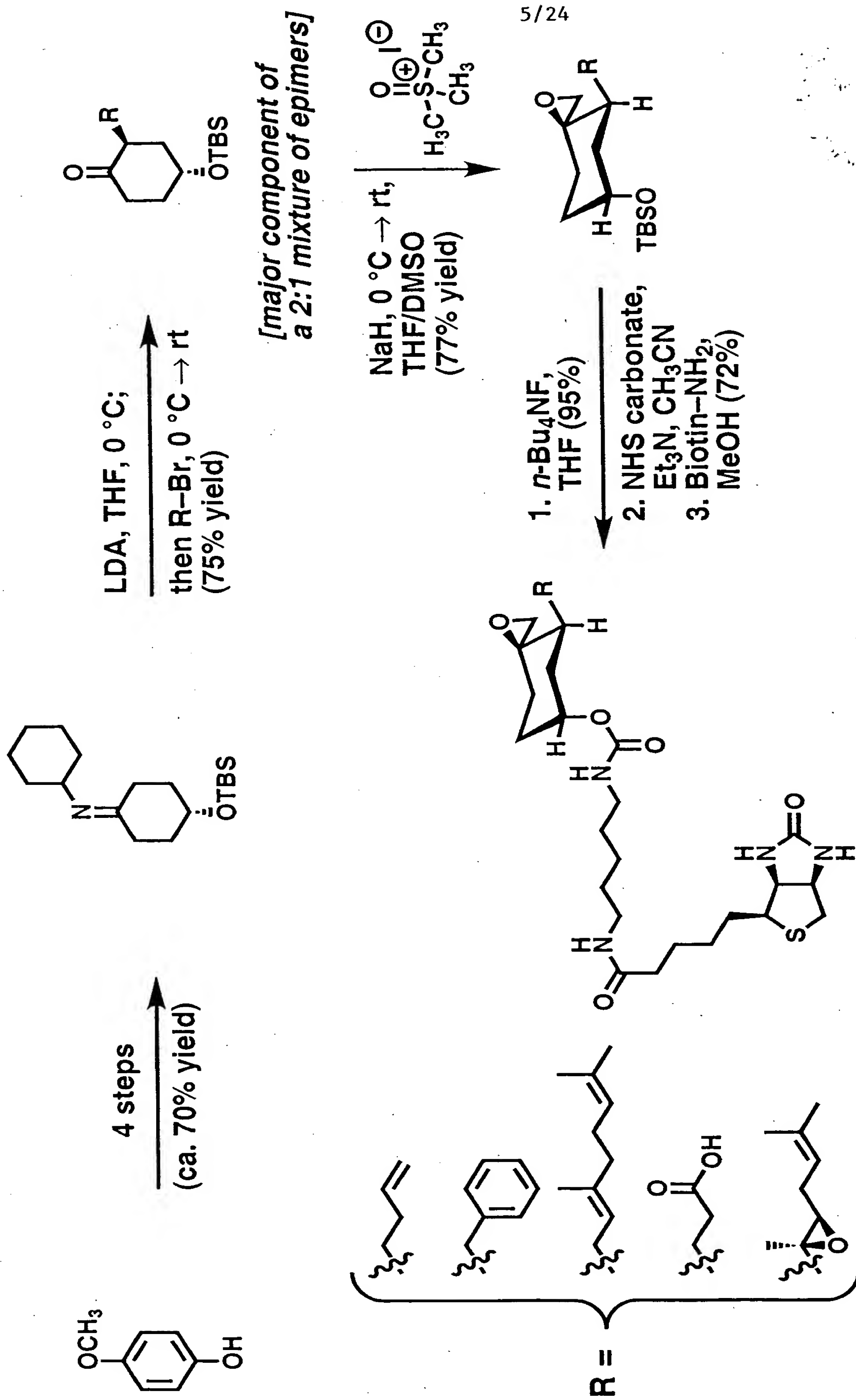


FIGURE 4B

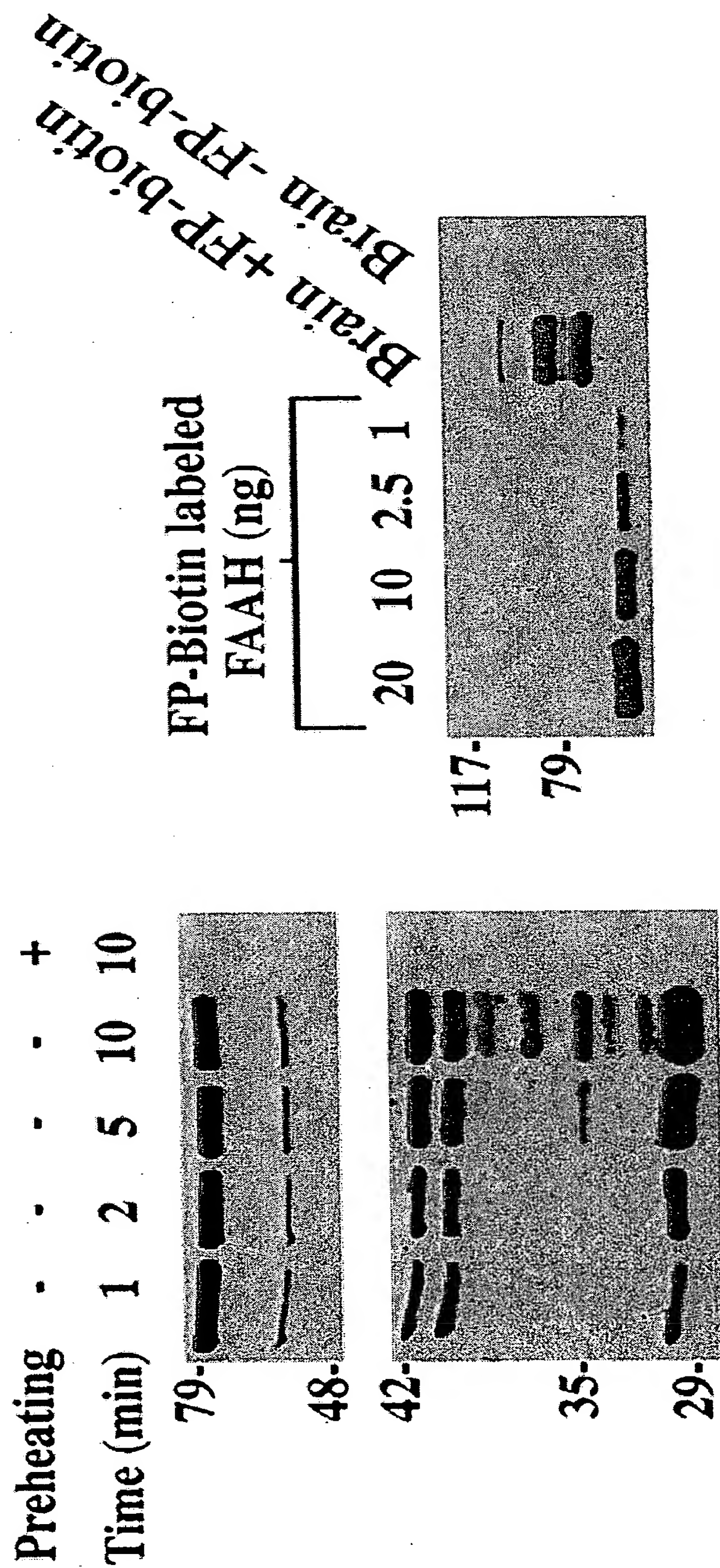
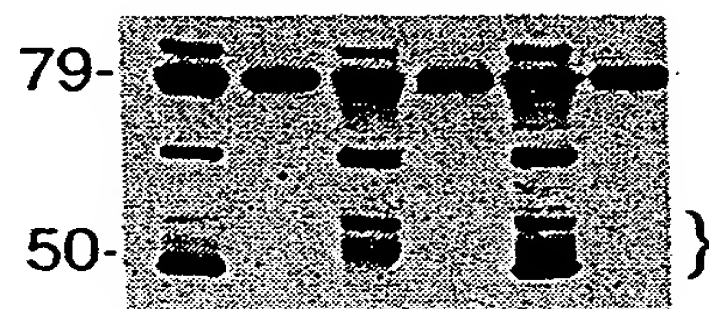


FIGURE 5

7/24

FP-peg-biotin (μ M)	4	4	0	0	2	2
FP-biotin (μ M)	0	0	4	4	2	2
Preheated	-	+	-	+	-	+



FP-peg-biotin	-	-	+	+
FP-biotin	+	+	-	-
Preheated	+	-	-	+

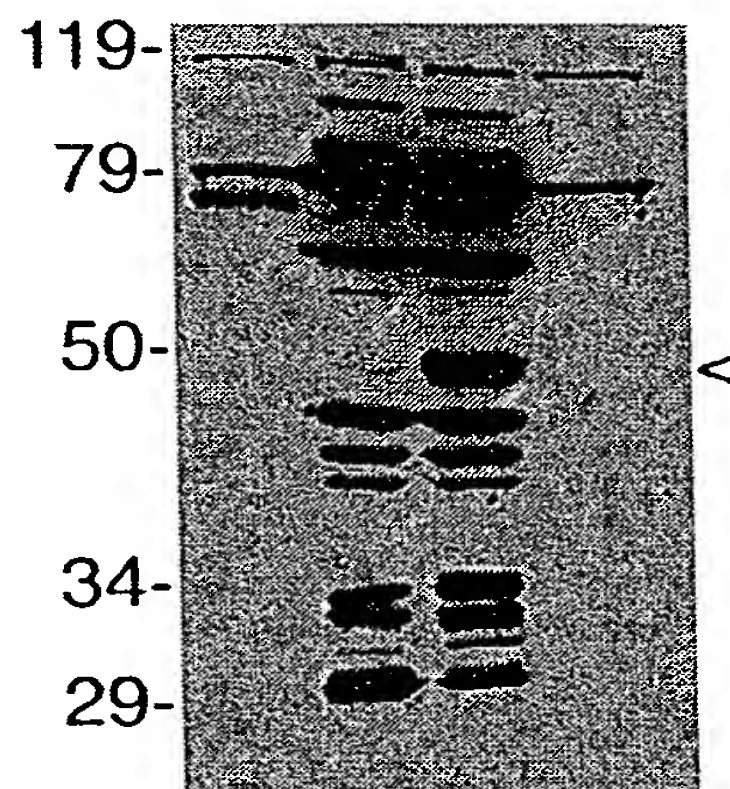


FIGURE 6

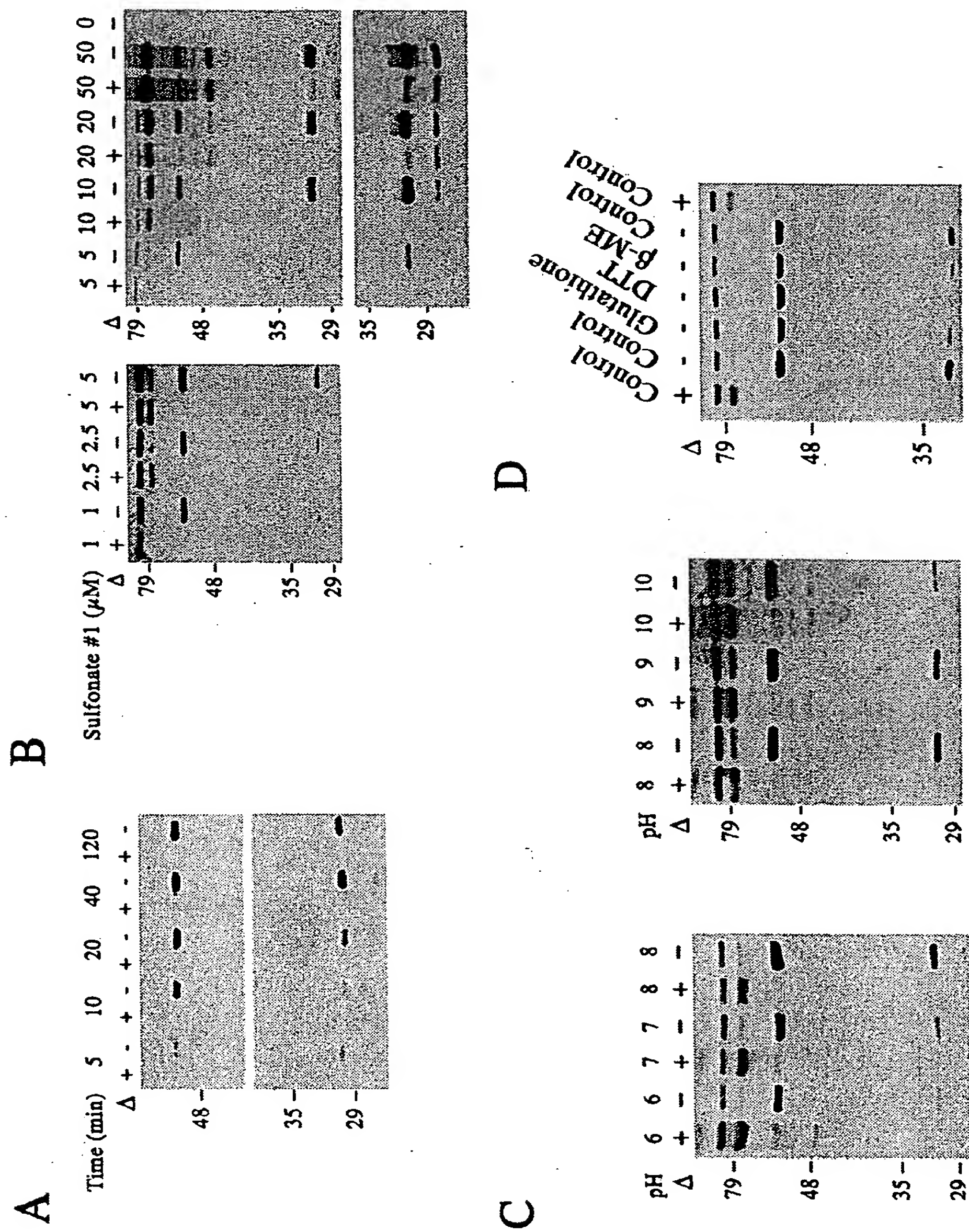


FIGURE 7

9/24

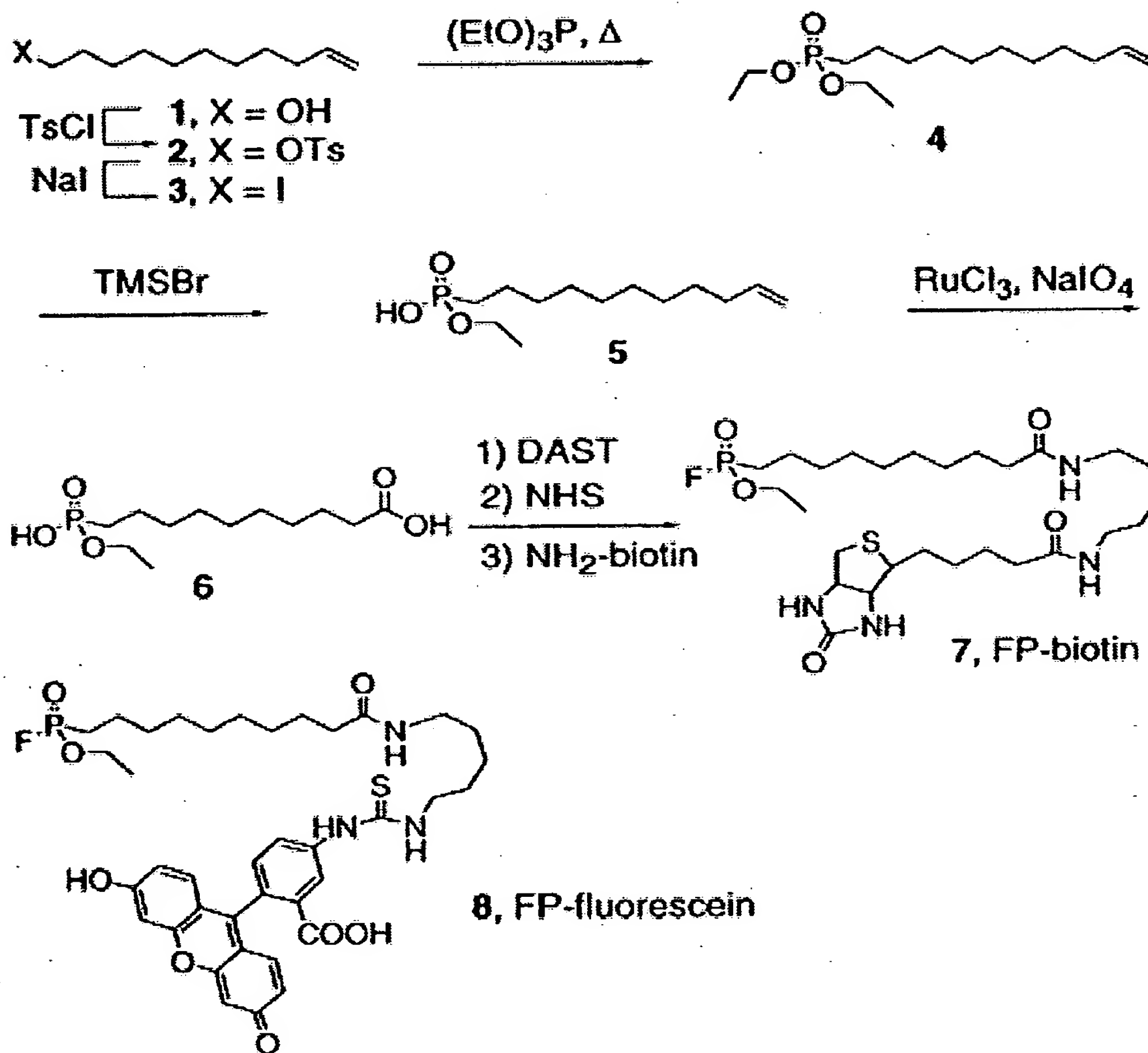


FIGURE 8

10/24

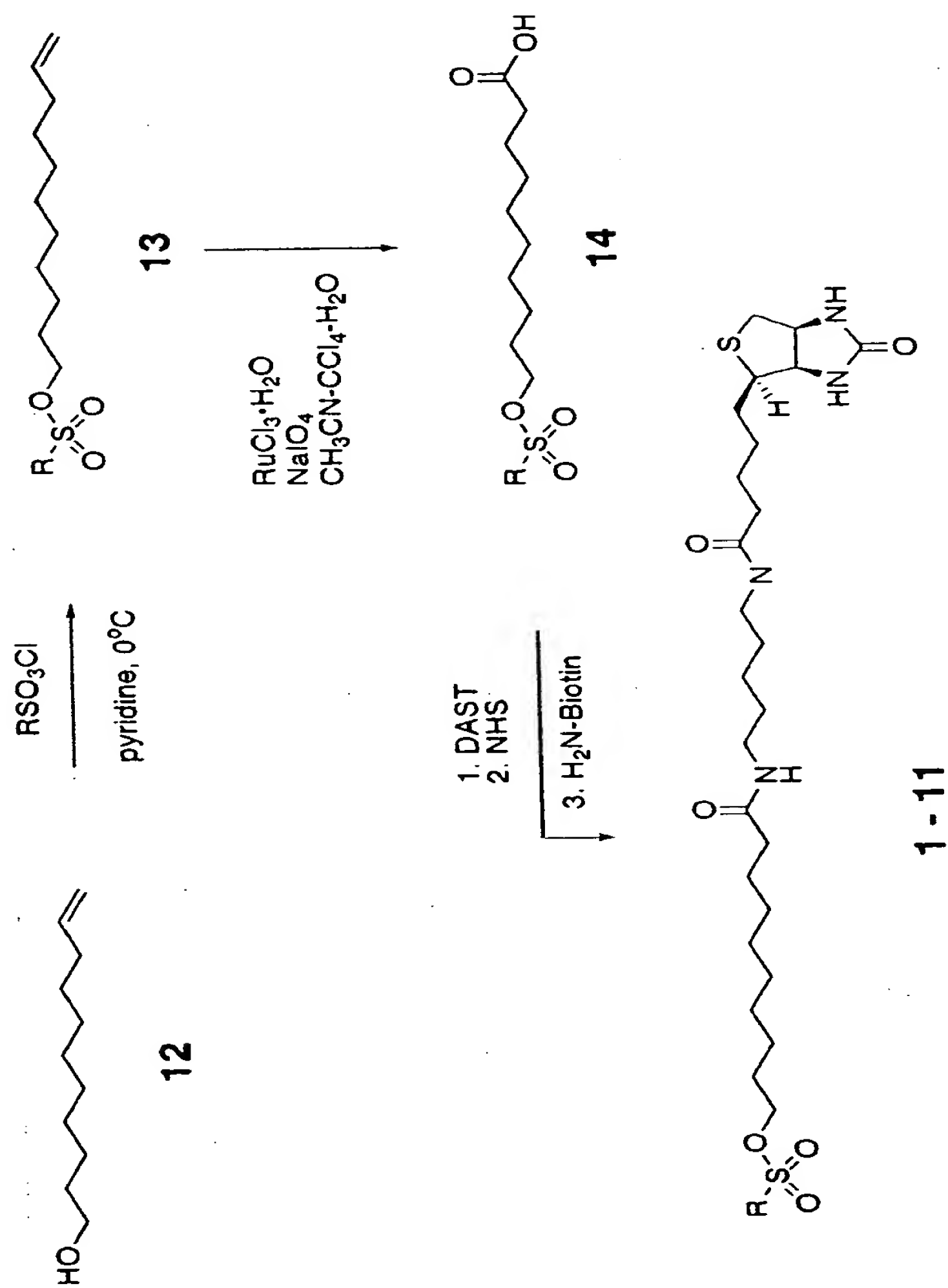
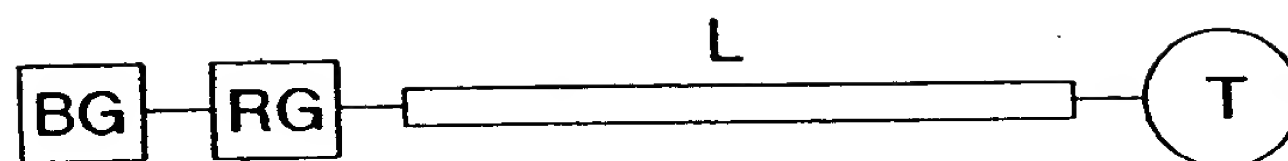
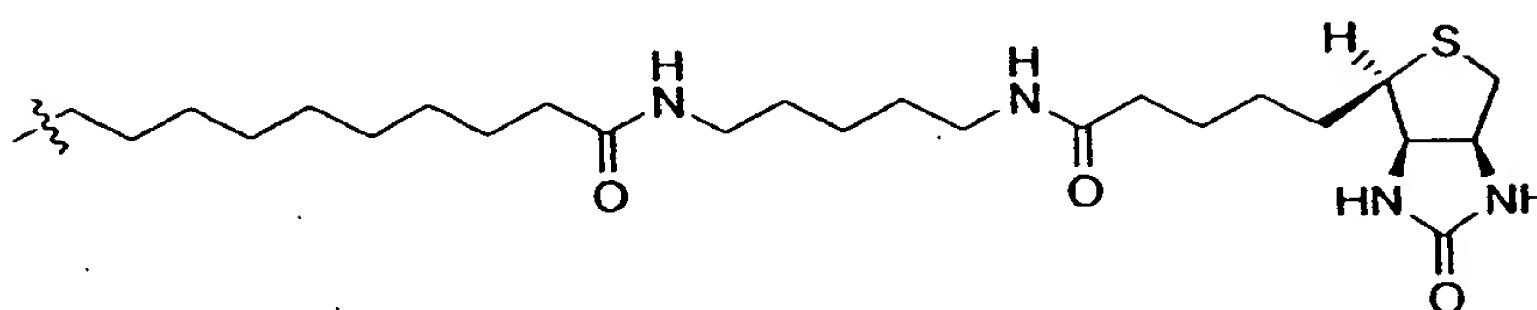
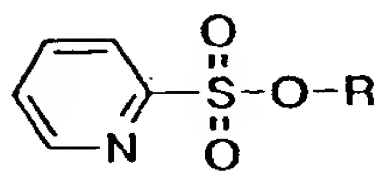
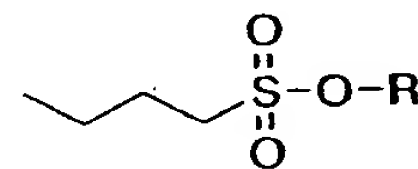
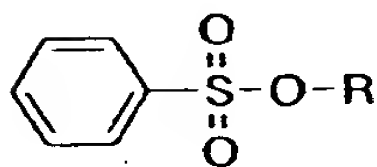
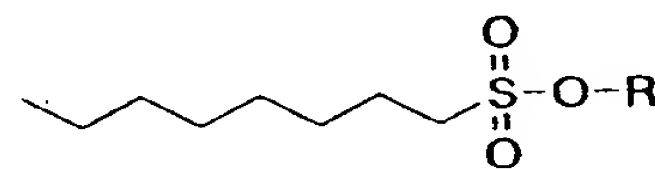
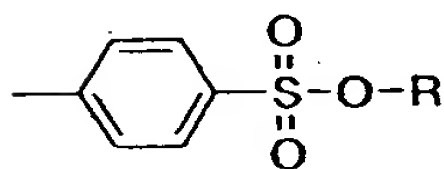
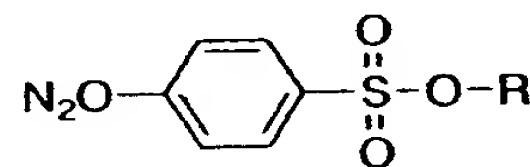
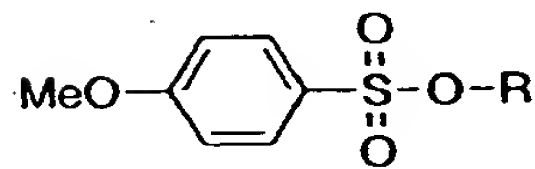
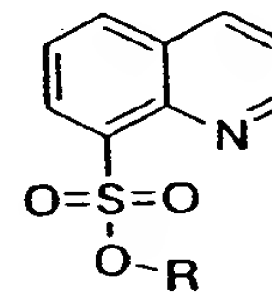
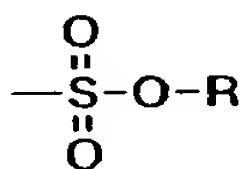
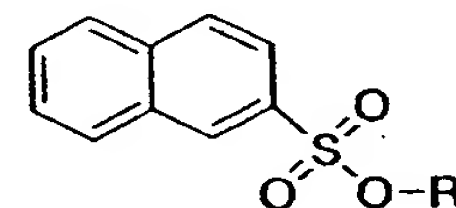
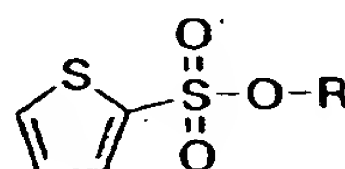
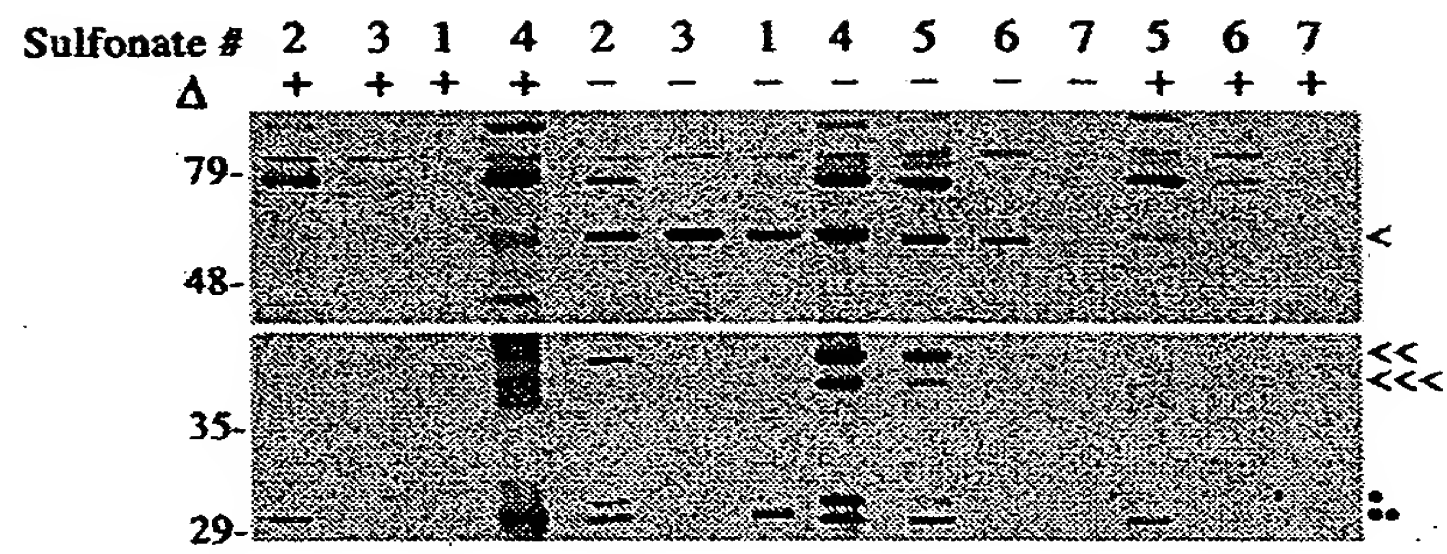
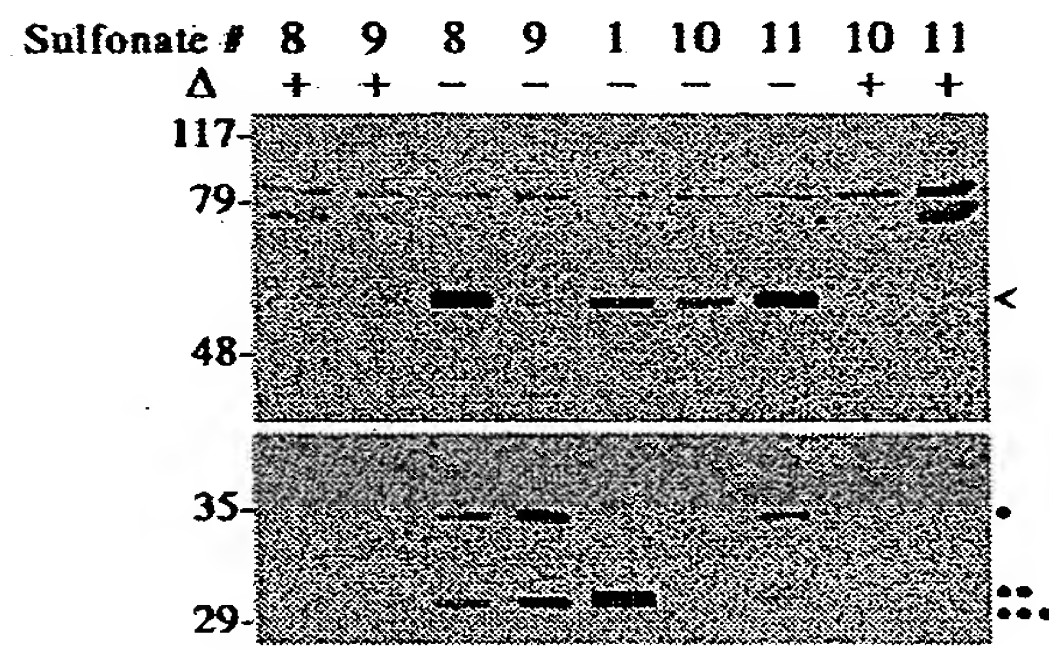


FIGURE 9

A.**B.****R =****1****6****2****7****3****8****4****9****5****10****11****FIGURE 10**

A**B****FIGURE 11**

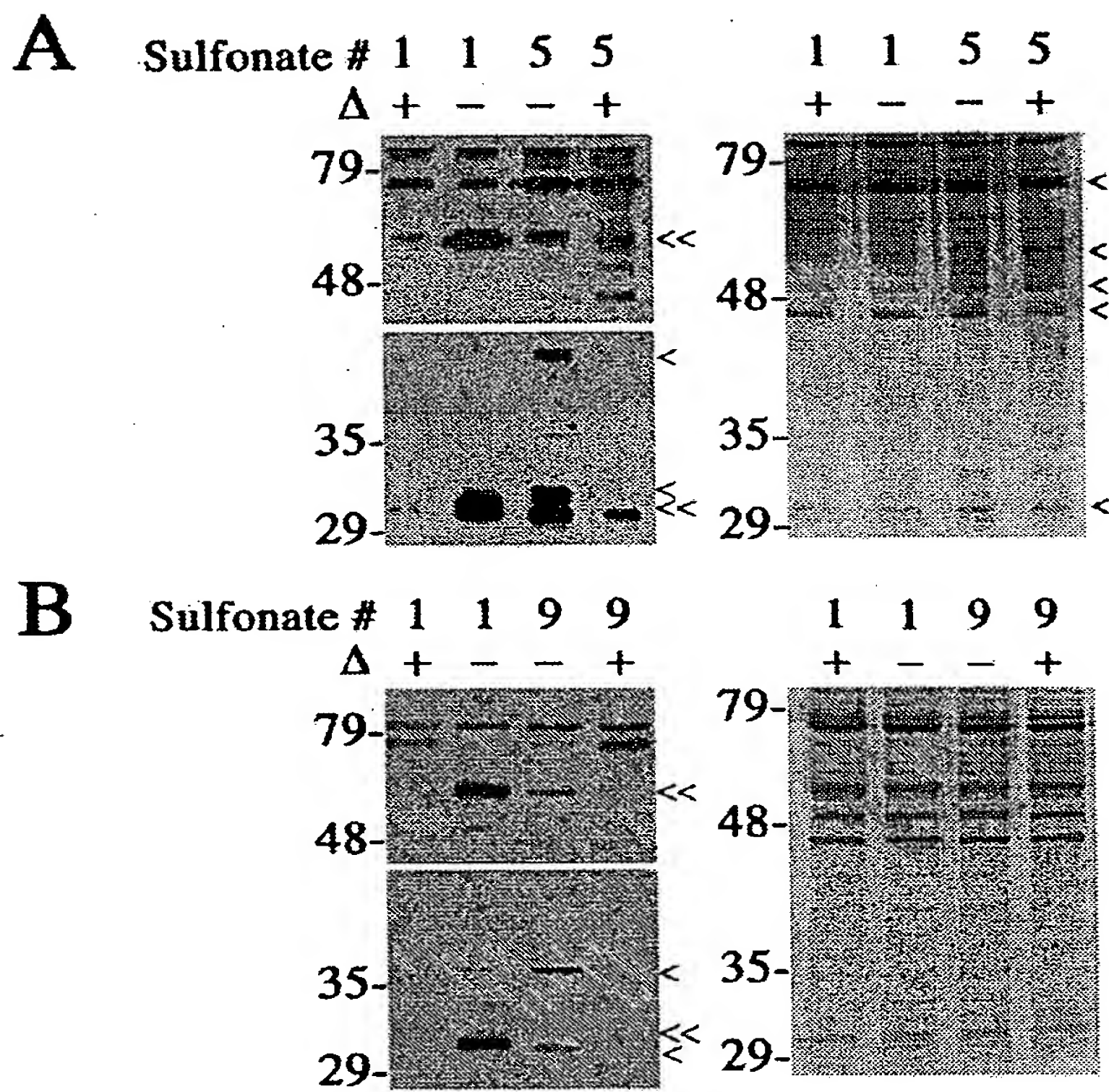
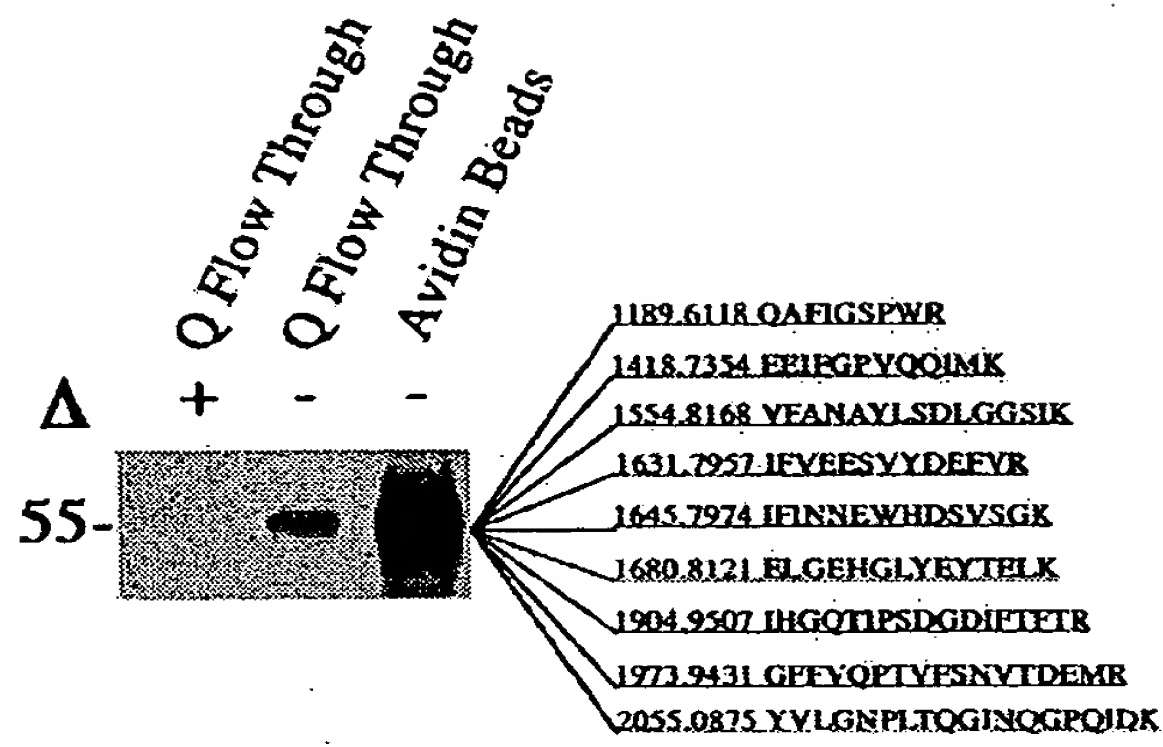
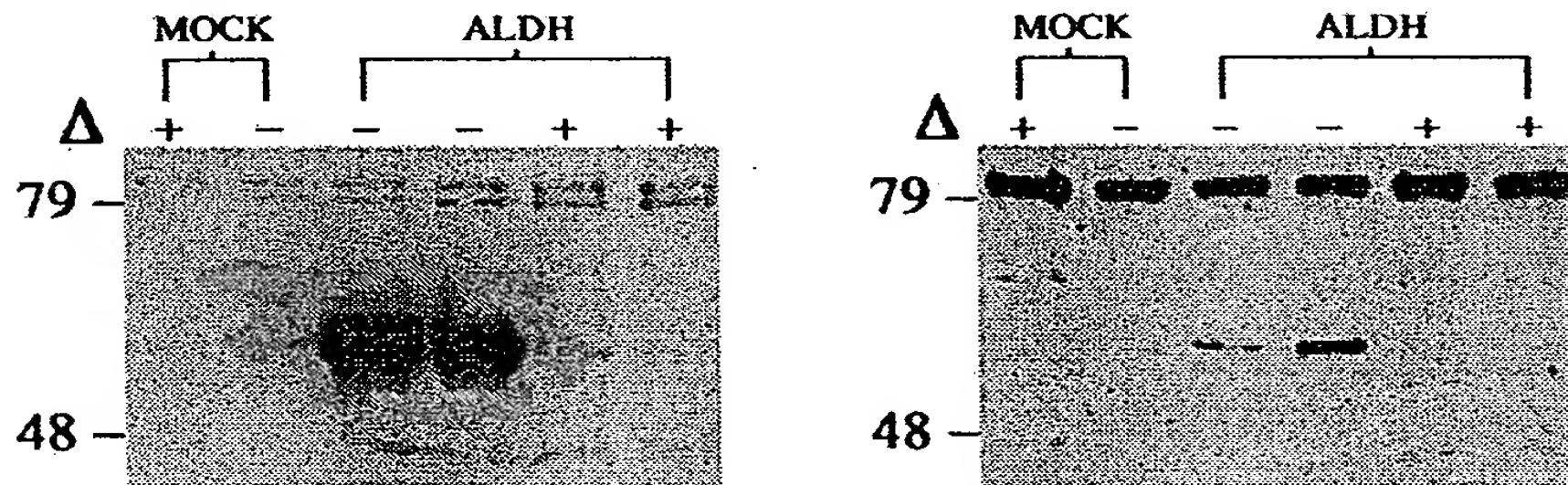
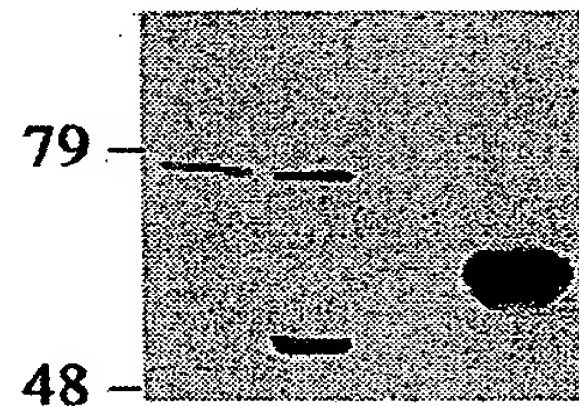


FIGURE 12

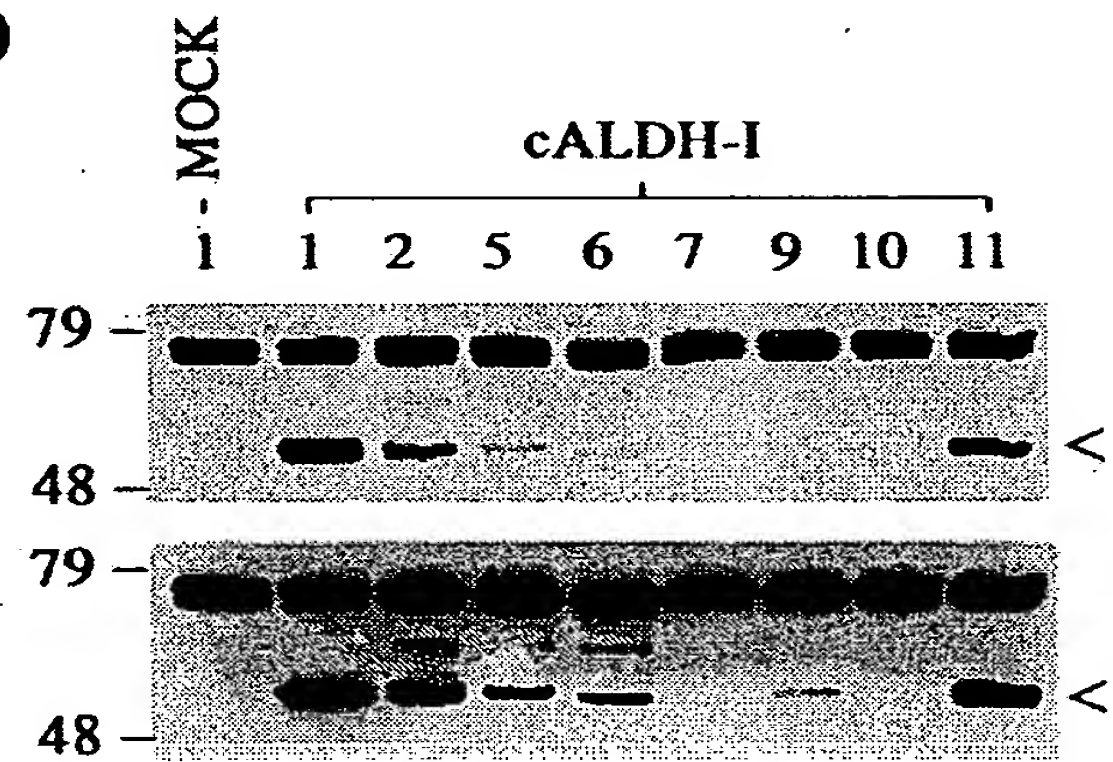
[illegible]**B**

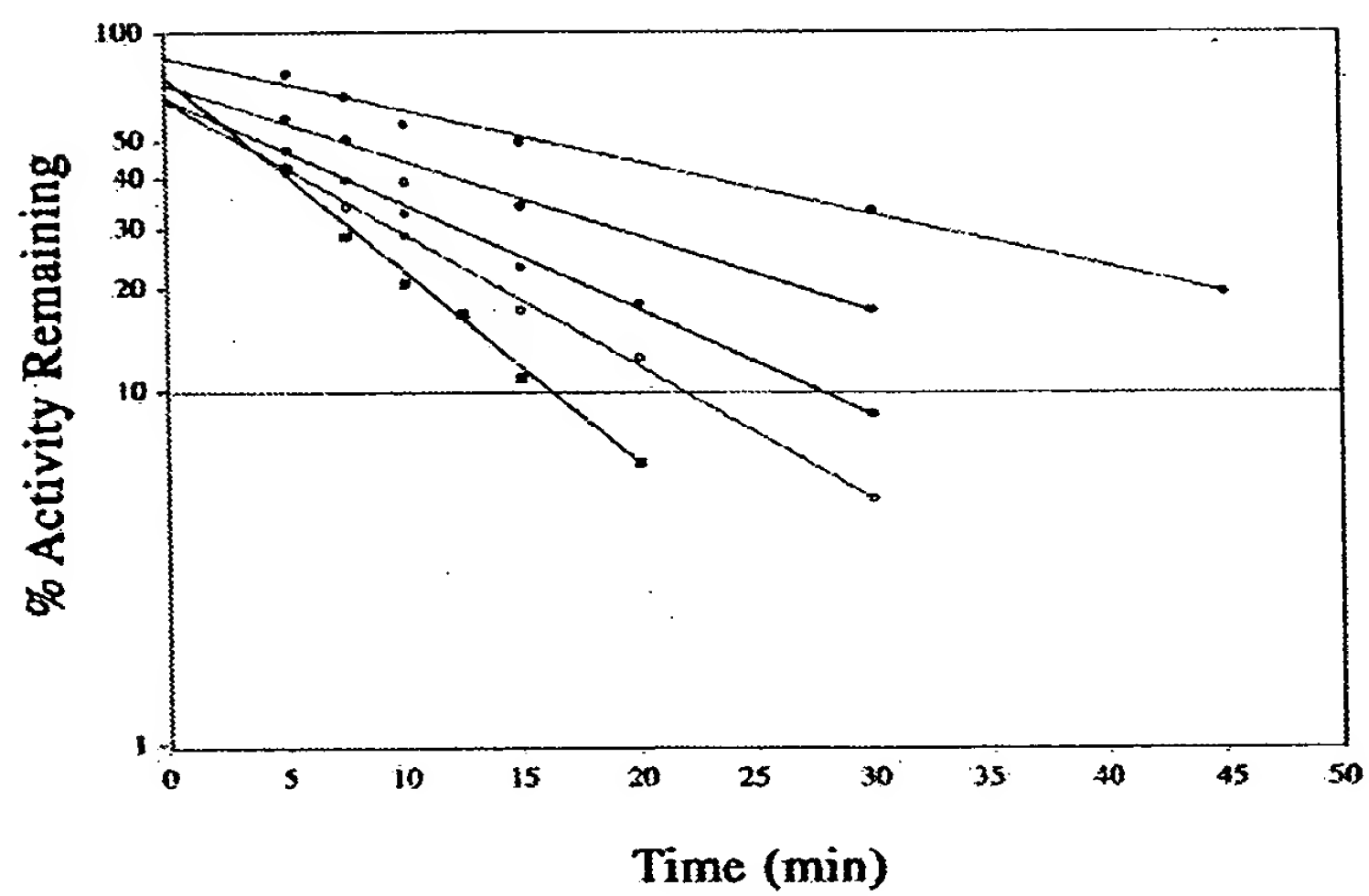
C

BL-21 Cells	–	–	+	+
Testis Proteome	+	+	–	–
Δ	+	–	+	–

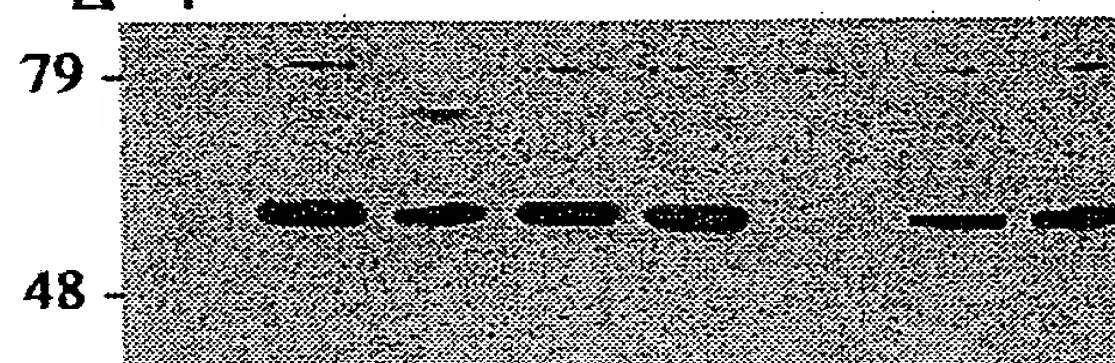


D

**FIGURE 13**

A**B**

Competitor #	-	-	15	17	16	15	17	16
[Competitor (μ M)]	0	0	5	5	5	50	50	50
Δ	+	-	-	-	-	-	-	-

**FIGURE 14**

FP-biotin	—	—	+	+	+	+
Sulfonate #1	+	+	+	—	+	—
Δ	+	—	—	—	+	+

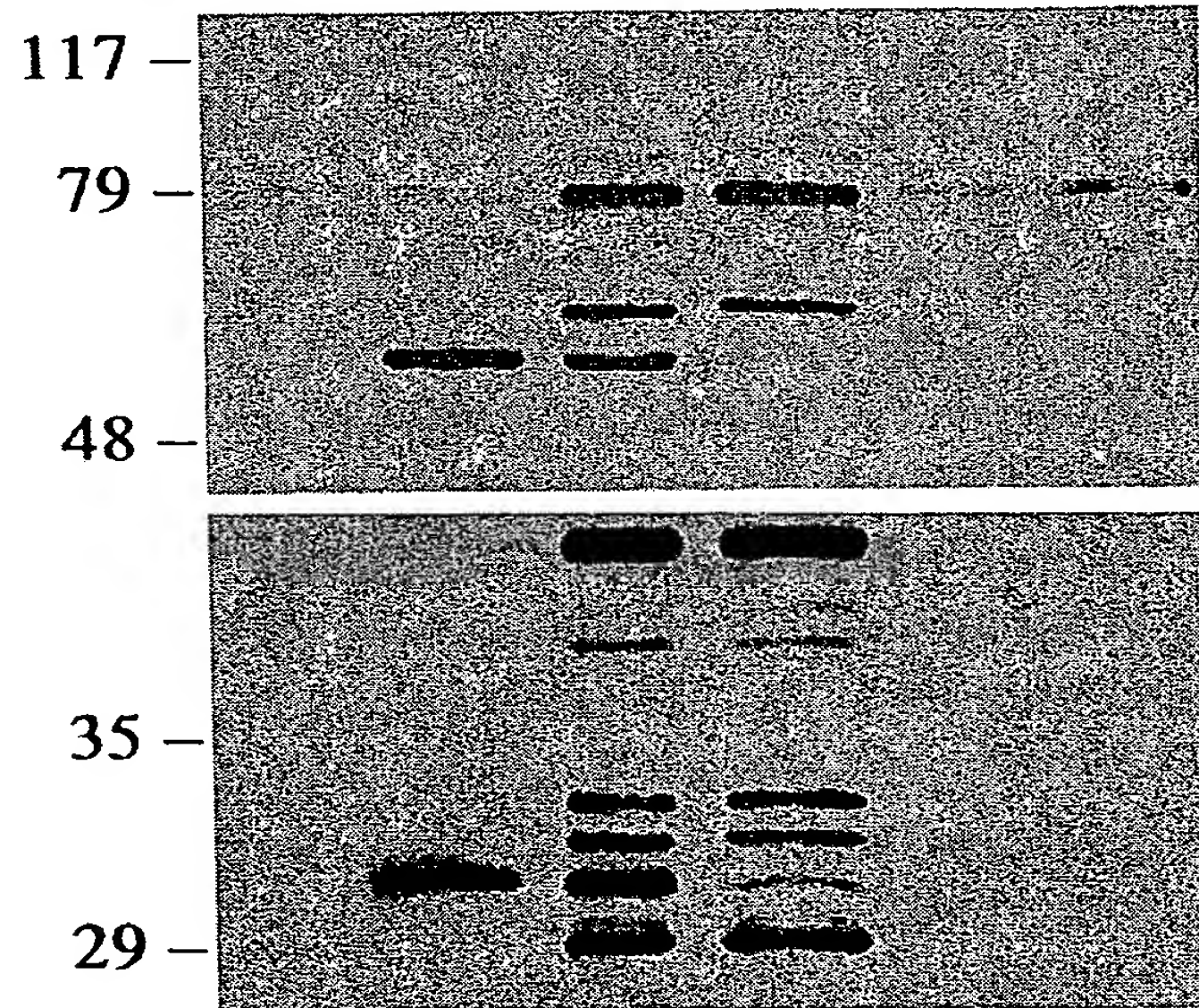


FIGURE 15

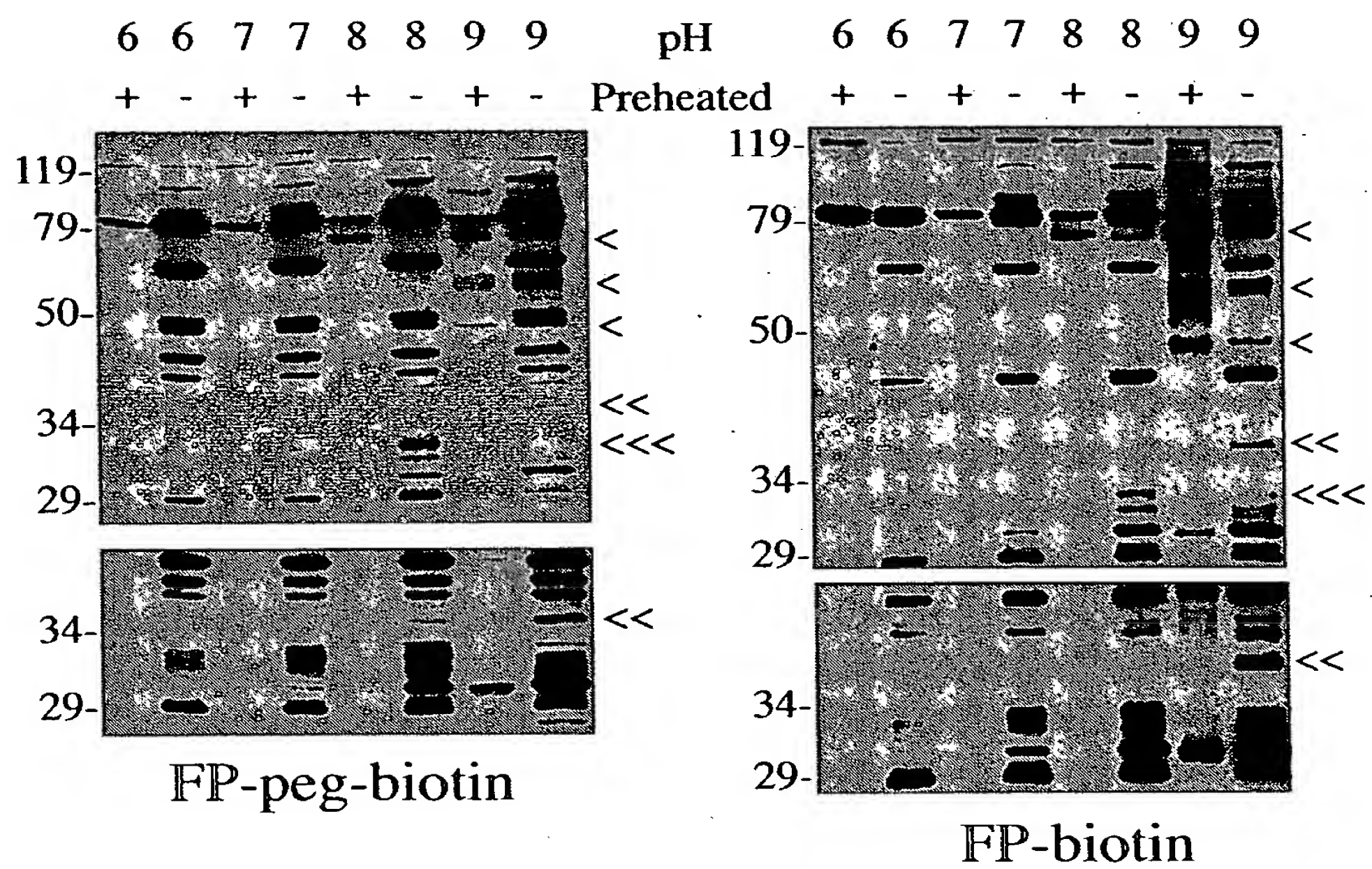


FIGURE 16

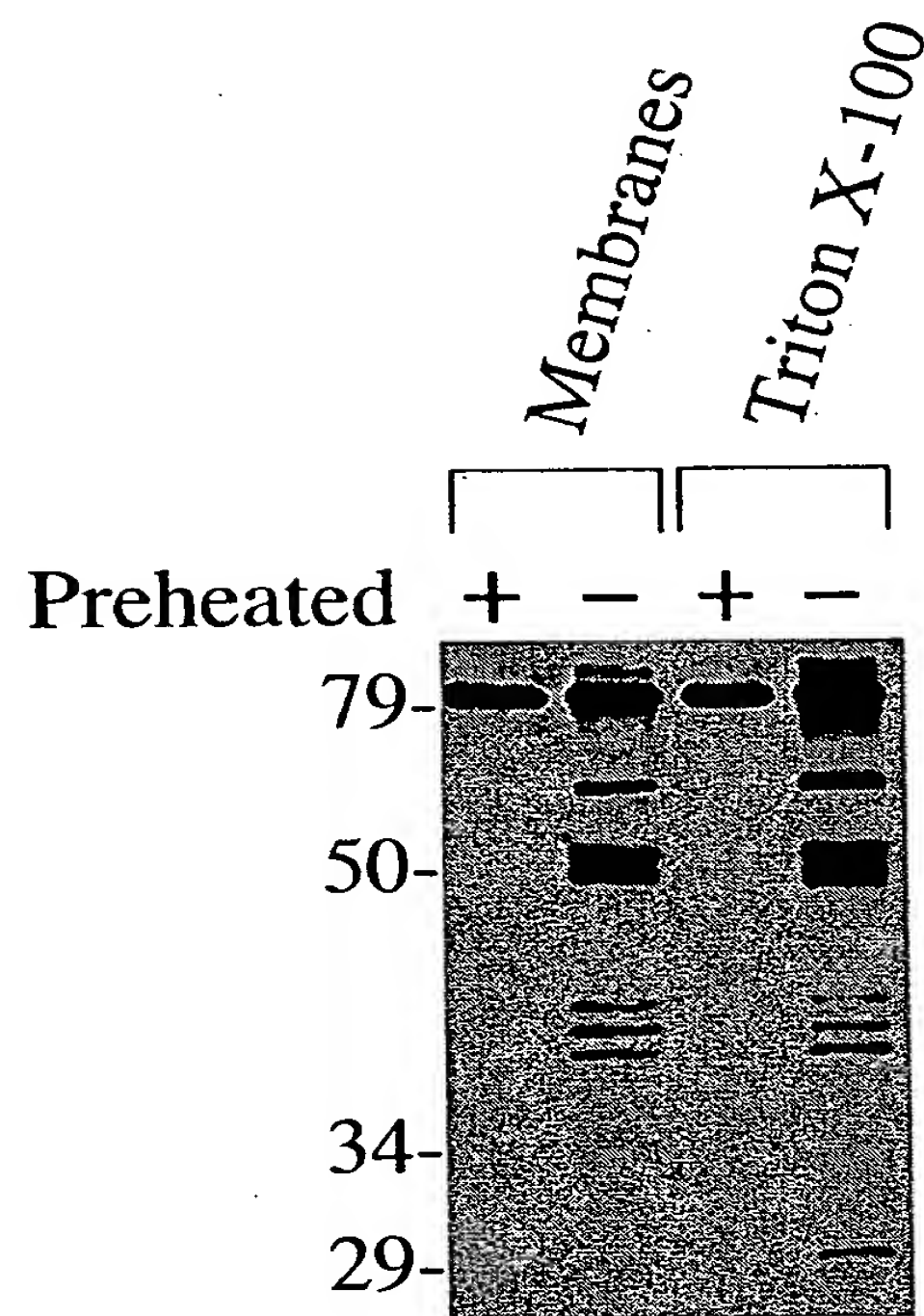


FIGURE 17

FP-peg-biotin	+	+	+	+	+	+	-	-	-
FP-biotin	-	-	-	-	-	-	+	+	+
OTFMK	0	0	200	50	5	1	0	200	50
Δ	+	-	-	-	-	-	-	-	-

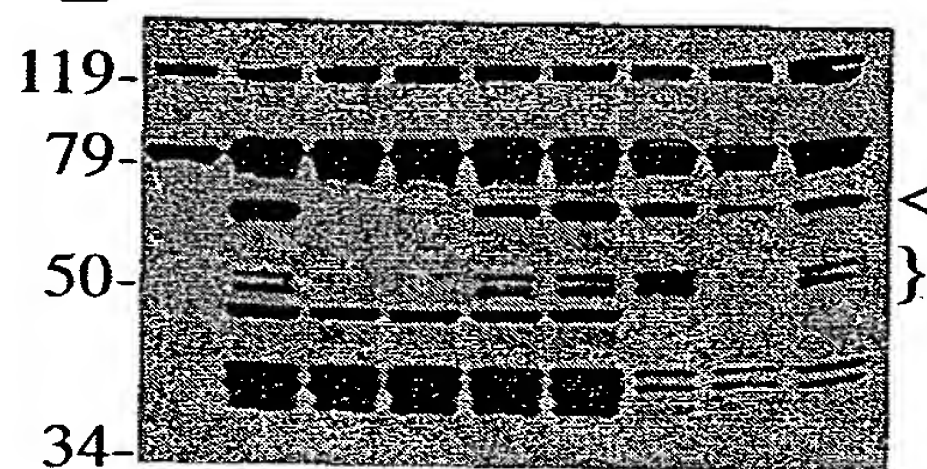


FIGURE 18

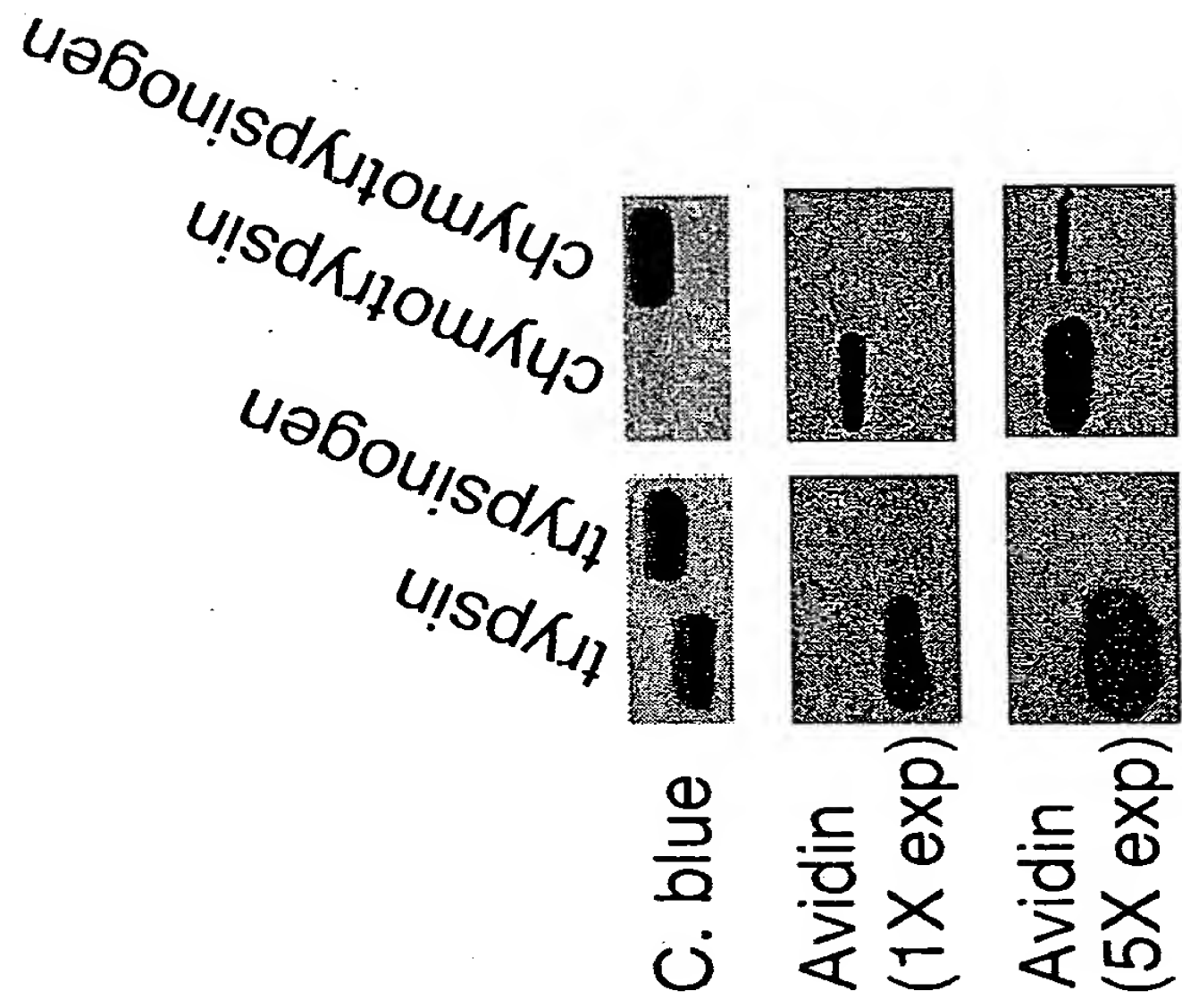
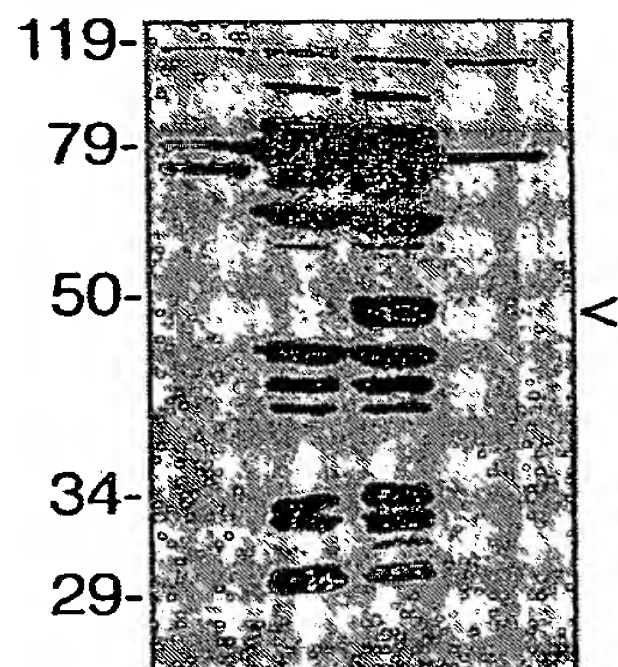


FIGURE 19

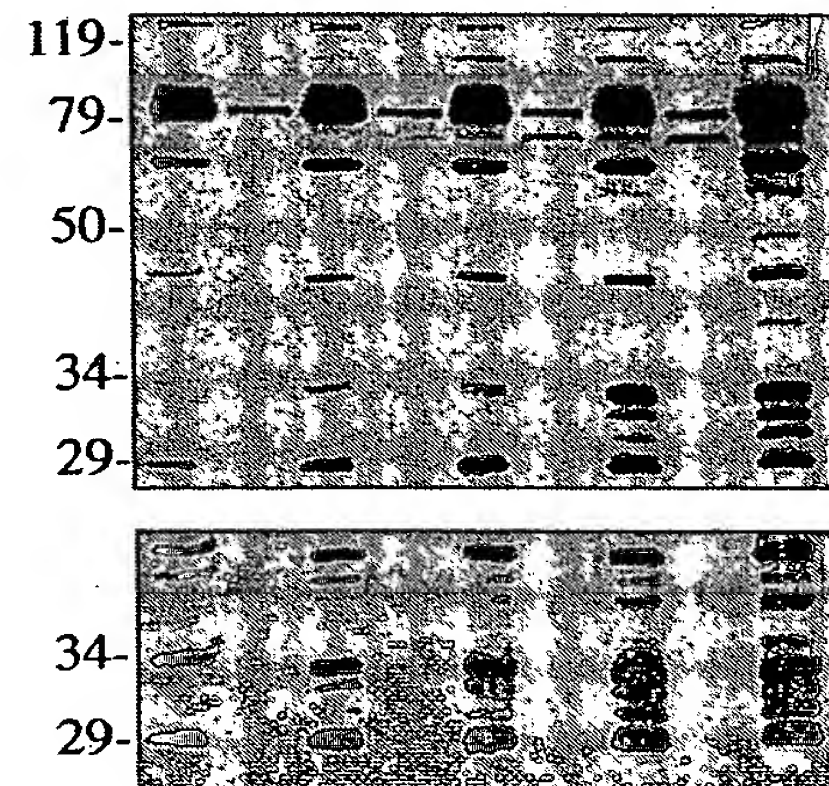
A.

FP-peg-biotin	-	-	+	+
FP-biotin	+	+	-	-
Preheated	+	-	-	+



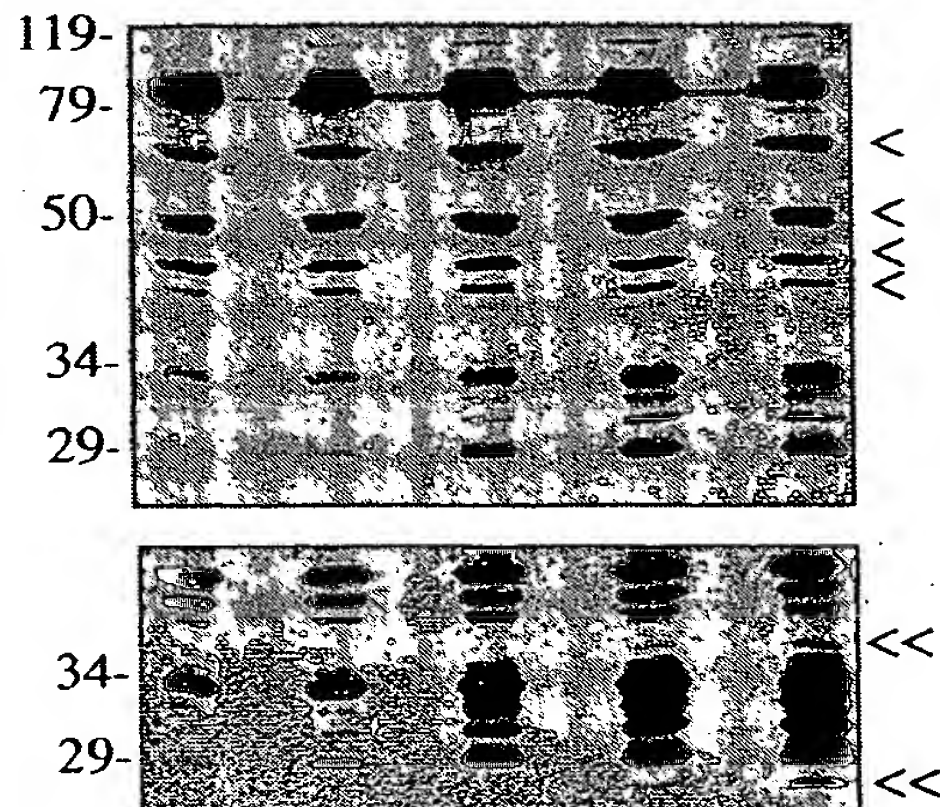
B.

FP-biotin (μ M)	0.5	1	1	2	2	4	4	8	8
Preheated	-	+	-	+	-	+	-	+	-



C.

FP-peg-biotin (μ M)	0.5	1	1	2	2	4	4	8	8
Preheated	-	+	-	+	-	+	-	+	-



D.

FP-peg-biotin (μ M)	1	2	8
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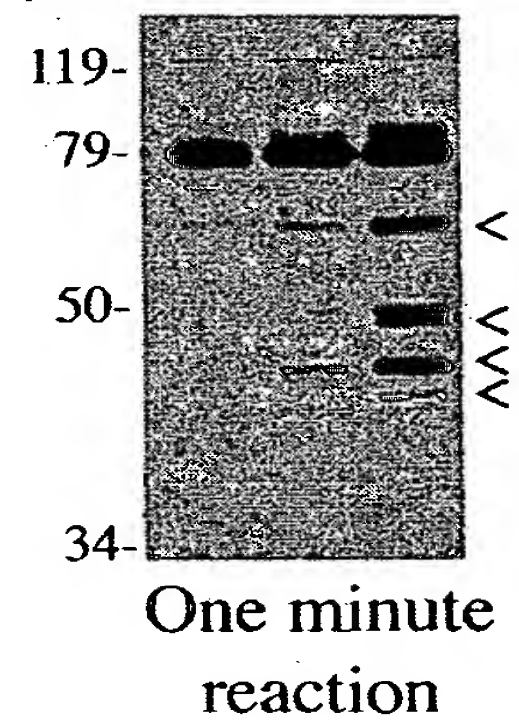


FIGURE 20

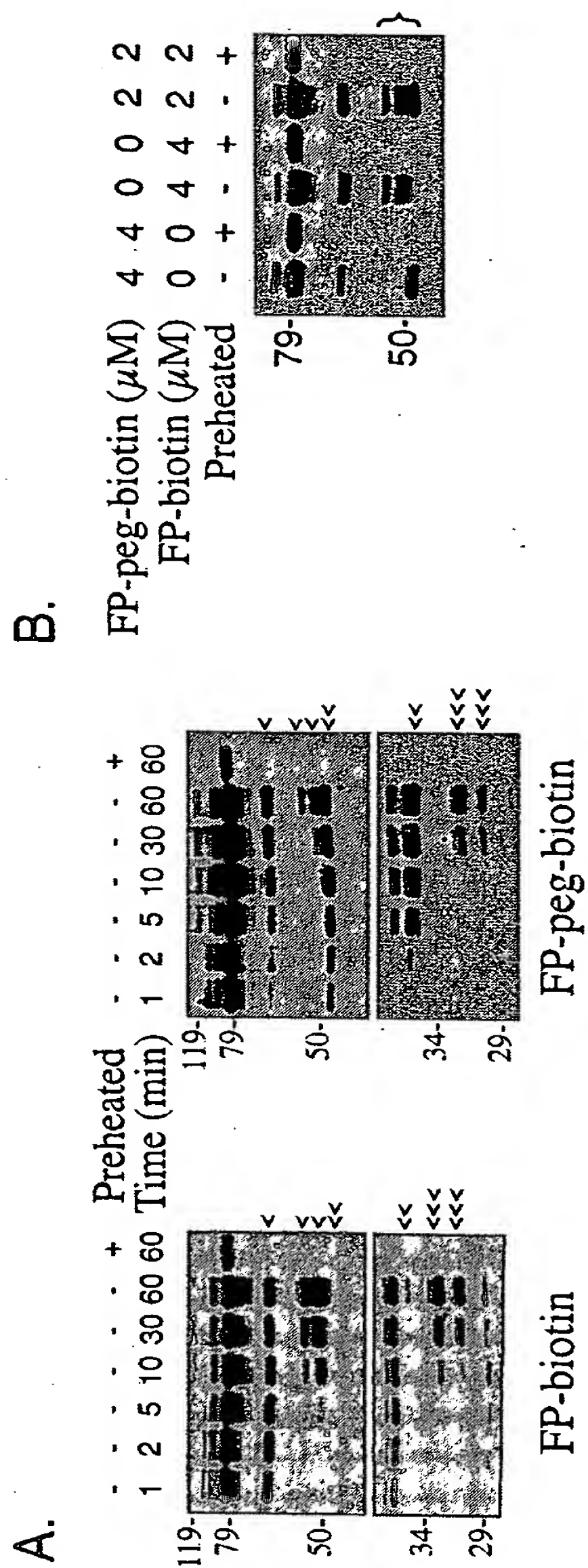


FIGURE 21

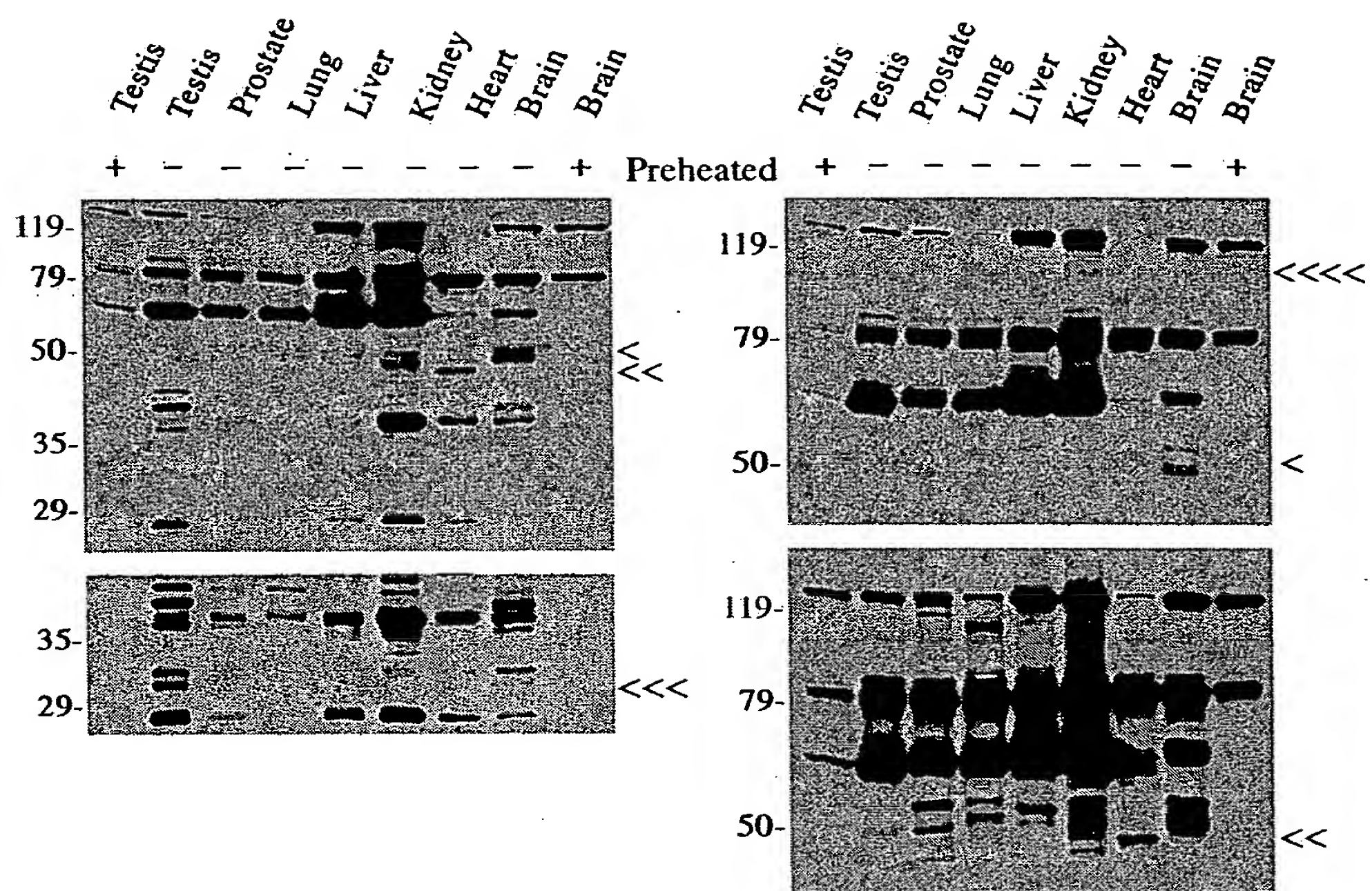


FIGURE 22

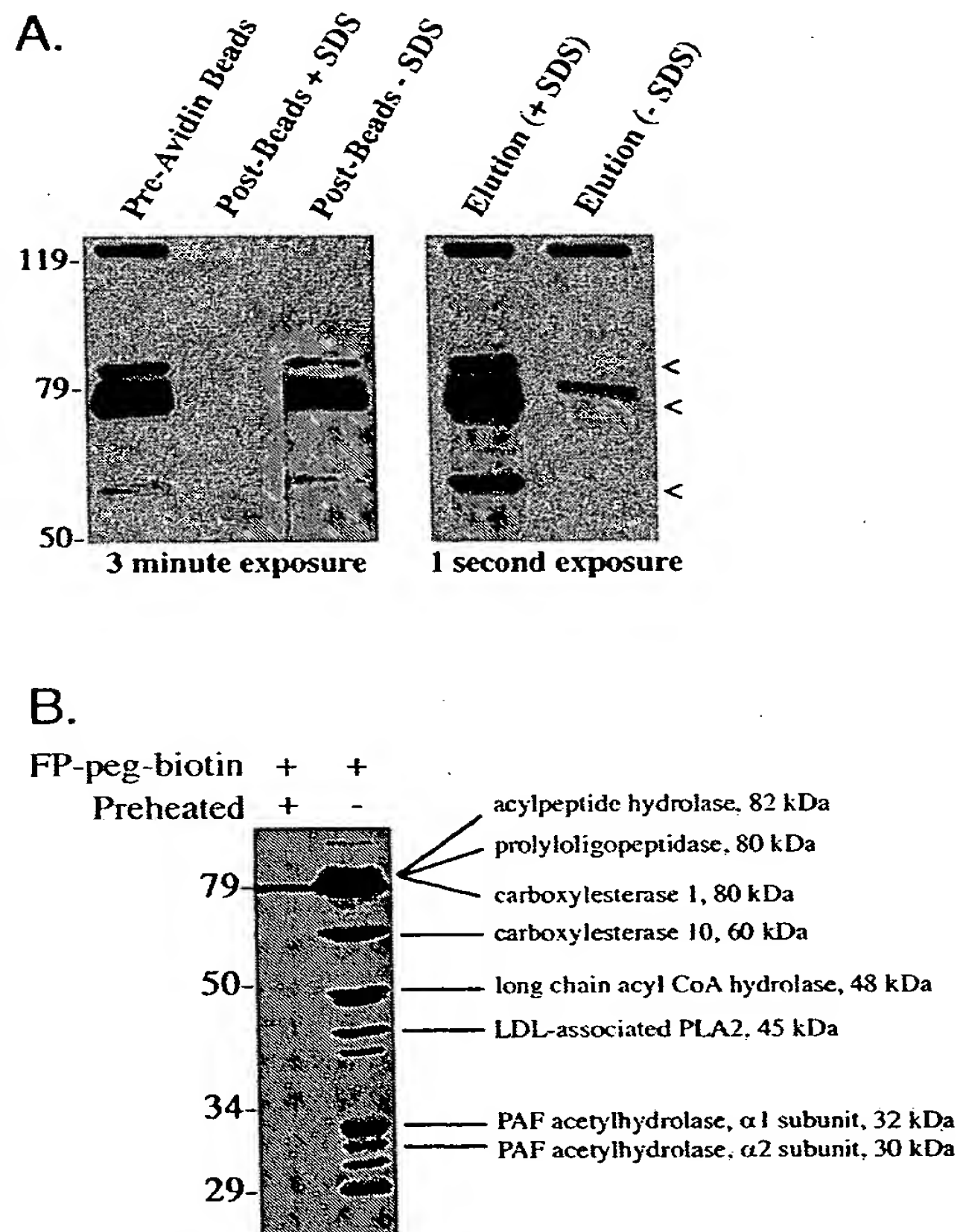


FIGURE 23